

Andrew Freistein 10/630,258

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NEWS 8 OCT 03 MATHDI removed from STN
NEWS 9 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added
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NEWS 10 OCT 06 STN AnaVist workshops to be held in North America
NEWS 11 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 12 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of CAPLUS documents for use in third-party analysis and
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NEWS 13 OCT 27 Free KWIC format extended in full-text databases
NEWS 14 OCT 27 DIOGENES content streamlined
NEWS 15 OCT 27 EPFULL enhanced with additional content
NEWS 16 NOV 14 CA/CAPLUS - Expanded coverage of German academic research

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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FILE 'HOME' ENTERED AT 14:59:54 ON 16 NOV 2005

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:00:05 ON 16 NOV 2005

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 NOV 2005 HIGHEST RN 868125-94-4

DICTIONARY FILE UPDATES: 15 NOV 2005 HIGHEST RN 868125-94-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

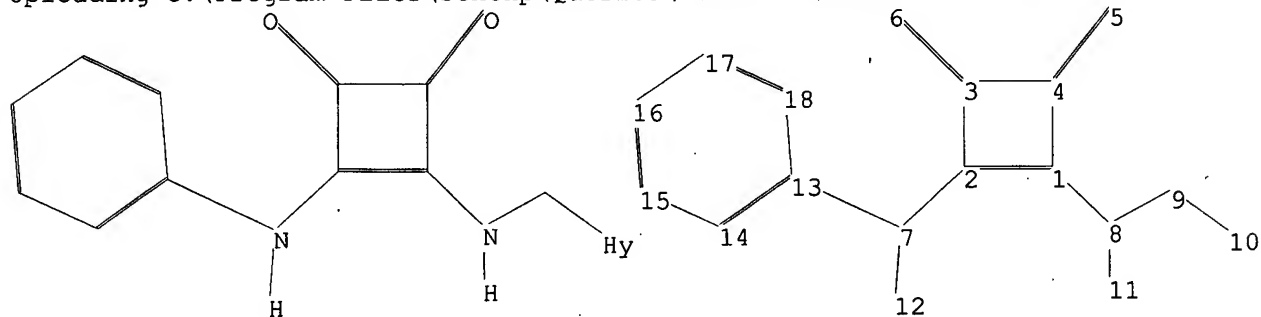
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10630258\BFormula IA.str



chain nodes :

5 6 7 8 9 10 11 12

ring nodes :

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1 2 3 4 13 14 15 16 17 18
chain bonds :
1-8 2-7 3-6 4-5 7-12 7-13 8-9 8-11 9-10
ring bonds :
1-2 1-4 2-3 3-4 13-14 13-18 14-15 15-16 16-17 17-18
exact/norm bonds :
1-2 1-4 1-8 2-3 2-7 3-4 3-6 4-5 7-13 8-9 9-10
exact bonds :
7-12 8-11
normalized bonds :
13-14 13-18 14-15 15-16 16-17 17-18

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:Atom 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom

L1 STRUCTURE UPLOADED

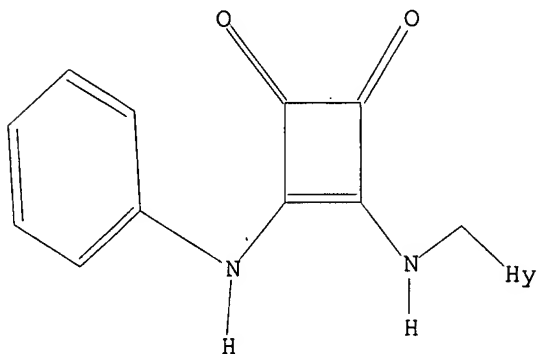
=> s 11
SAMPLE SEARCH INITIATED 15:00:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 99 TO ITERATE

100.0% PROCESSED 99 ITERATIONS 13 ANSWERS
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1384 TO 2576
PROJECTED ANSWERS: 44 TO 476

L2 13 SEA SSS SAM L1

=> d 11
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 full
FULL SEARCH INITIATED 15:00:34 FILE 'REGISTRY'

Andrew Freistein 10/630,258

FULL SCREEN SEARCH COMPLETED - 1897 TO ITERATE

100.0% PROCESSED 1897 ITERATIONS 268 ANSWERS
SEARCH TIME: 00.00.01

L3 268 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

161.33

161.54

FILE 'HCAPLUS' ENTERED AT 15:00:41 ON 16 NOV 2005

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FILE COVERS 1907 - 16 Nov 2005 VOL 143 ISS 21

FILE LAST UPDATED: 15 Nov 2005 (20051115/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 13 L3

=> d ibib 1-3

Andrew Freistein 10/630,258

L4 ANSWER 1 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:823681 HCAPLUS
 DOCUMENT NUMBER: 143:216704
 TITLE: Crystalline polymorphs of a CXCR-chemokine receptor ligand
 INVENTOR(S): Hu, Mengwei; Yu, Younong; Dwyer, Michael; Taveras, Arthur G.; Kim-Meade, Agnes; Yin, Jiansuo; Fu, Xiaoyong; McAllister, Timothy; Zhang, Shuyi; Klopfer, Kevin
 PATENT ASSIGNEE(S): Schering Corporation, USA
 SOURCE: PCT Int. Appl., 65 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075447	A1	20050818	WO 2005-US3414	20050128
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW				
RW:				
BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005192345	A1	20050901	US 2005-45772	20050128
PRIORITY APPLN. INFO.:			US 2004-540487P	P 20040130
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE		
FORMAT				

L4 ANSWER 2 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:523473 HCAPLUS
 DOCUMENT NUMBER: 143:7936
 TITLE: Preparation of oligosaccharide glycomimetic antagonists as E- and P-selectin modulators
 INVENTOR(S): Magnani, John L.; Patton, John T., Jr.; Sarkar, Arun K.
 PATENT ASSIGNEE(S): Glycomimetics, Inc., USA
 SOURCE: PCT Int. Appl., 107 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005054264	A2	20050616	WO 2004-US38782	20041118
WO 2005054264	C1	20050818		
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW				
RW:				
BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005187171	A1	20050825	US 2004-992238	20041118
PRIORITY APPLN. INFO.:			US 2003-523215P	P 20031119
			US 2004-582734P	P 20040624
OTHER SOURCE(S):	MARPAT 143:7936			

L4 ANSWER 3 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:878172 HCAPLUS
 DOCUMENT NUMBER: 141:366119
 TITLE: Synthesis of
 2-hydroxy-N,N-dimethyl-3-[[[2-[(1R)-1-(5-methyl-2-furanyl)propyl]amino]-3,4-dioxocyclobut-1-en-1-yl]amino]benzamide
 INVENTOR(S): Yin, Jiansuo; Fu, Xiaoyong; Zhang, Shuyi; McAllister, Timothy L.; Kim-Meade, Agnes S.; Winters, Jason L.; Sudhakar, Anantha; Schumacher, Doris P.
 PATENT ASSIGNEE(S): Schering Corporation, USA
 SOURCE: U.S. Pat. Appl. Publ., 45 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004209946	A1	20041021	US 2004-826456	20040416
WO 2004094398	A2	20041104	WO 2004-US11882	20040416
WO 2004094398	A3	20050303		
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW				
RW:				
BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2003-463773P	P 20030418
OTHER SOURCE(S):	CASREACT 141:366119; MARPAT 141:366119			

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=> d ibib 4-6

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L4 ANSWER 4 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:60929 HCAPLUS
DOCUMENT NUMBER: 141:157023
TITLE: Preparation of 3,4-diaminocyclobutene-1,2-diones as CXCR-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.;
Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Biju, Purakkattil J.; Nelson, Kingsley H.; Rokosz, Laura L.; Jakway, James P.; Lai, Gaifu; Wu, Minglang; Hecker, Evan A.; Lundell, Daniel; Fine, Jay S.
PATENT ASSIGNEE(S): Schering Corporation and Pharmacoceia, Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 352 pp., Cont.-in-part of U.S. Ser. No. 241,326.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004147559	A1	20040729	US 2003-630258	20030730
US 2004097547	A1	20040520	US 2002-208412	20020730
US 2004106794	A1	20040603	US 2002-241326	20020911
PRIORITY APPLN. INFO.:			US 2001-284026P	P 20010416
			US 2002-122841	B2 20020415
			US 2002-208412	A2 20020730
			US 2002-241326	A2 20020911

OTHER SOURCE(S): MARPAT 141:157023

L4 ANSWER 5 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:451668 HCAPLUS
DOCUMENT NUMBER: 141:23213
TITLE: Preparation of 3,4-di-substituted cyclobutene-1,2-diones as CXCR-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.;
Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Biju, Purakkattil J.; Nelson, Kingsley H.; Rokosz, Laura L.
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 331 pp., Cont.-in-part of U.S. Ser. No. 208,412.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004106794	A1	20040603	US 2002-241326	20020911
US 2004097547	A1	20040520	US 2002-208412	20020730
CA 2496676	AA	20040205	CA 2003-2496676	20030730
WO 2004011418	A1	20040205	WO 2003-US23785	20030730
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA,			
ZM	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004147559	A1	20040729	US 2003-630258	20030730
EP 1539678	A1	20050615	EP 2003-772075	20030730
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003013109	A	20050621	BR 2003-13109	20030730
PRIORITY APPLN. INFO.:			US 2001-284026P	P 20010416
			US 2002-122841	A2 20020415
			US 2002-208412	A2 20020730
			US 2002-241326	A 20020911
			WO 2003-US23785	W 20030730

OTHER SOURCE(S): MARPAT 141:23213

L4 ANSWER 6 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:414638 HCAPLUS
DOCUMENT NUMBER: 140:406571
TITLE: Preparation of 3,4-di-substituted cyclobutene-1,2-diones as CXCR-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.;
Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Nelson, Kingsley H.; Rokosz, Laura L.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 308 pp., Cont.-in-part of U.S. Ser. No. 122,841.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004097547	A1	20040520	US 2002-208412	20020730
US 2004106794	A1	20040603	US 2002-241326	20020911
CA 2496676	AA	20040205	CA 2003-2496676	20030730
WO 2004011418	A1	20040205	WO 2003-US23785	20030730
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA,			
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US 2004147559	A1	20040729	US 2003-630258	20030730
EP 1539678	A1	20050615	EP 2003-772075	20030730
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003013109	A	20050621	BR 2003-13109	20030730
PRIORITY APPLN. INFO.:			US 2001-284026P	P 20010416
			US 2002-122841	A2 20020415
			US 2002-208412	A2 20020730
			US 2002-241326	A 20020911
			WO 2003-US23785	W 20030730

OTHER SOURCE(S): MARPAT 140:406571

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=> d ibib 7-10

L4 ANSWER 7 OF 13 HCAPLUS COPYRIGHT 2005 ACS ON STN
 ACCESSION NUMBER: 2004:101122 HCAPLUS
 DOCUMENT NUMBER: 140:163890
 TITLE: Preparation of 3,4-di(substituted amino)cyclobutene-1,2-diones as CXK-chemokine receptor ligands
 INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Chao, Jianping; Dwyer, Michael; Chao, Jianhua; Yu, Younong; Merritt, J. Robert; Biju, Purakkattil; Jakway, James; Lai, Gaifa; Wu, Minglang; Hecker, Evan A.; Lundell, Daniel;
 Daniel;
 PATENT ASSIGNEE(S): Schering Corporation, USA; Pharmacoepia, Inc.
 SOURCE: PCT Int. Appl., 252 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004011418	A1	20040205	WO 2003-US23785	20030730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004097547	A1	20040520	US 2002-208412	20020730
US 2004106794	A1	20040603	US 2002-241326	20020911
CA 2496676	AA	20040205	CA 2003-2496676	20030730
EP 1539678	A1	20050615	EP 2003-772075	20030730
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LT, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003013109	A	20050621	BR 2003-13109	20030730
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			US 2002-241326	A 20020911
			US 2001-284026P	P 20010416
			US 2002-122841	A2 20020415
			WO 2003-US23785	W 20030730

OTHER SOURCE(S): MARPAT 140:163890
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 8 OF 13 HCAPLUS COPYRIGHT 2005 ACS ON STN
 ACCESSION NUMBER: 2003:777586 HCAPLUS
 DOCUMENT NUMBER: 139:291990
 TITLE: Preparation of diaminocyclobutene-1,2-diones for combination treatments for chemokine-mediated diseases
 INVENTOR(S): Taveras, Arthur G.; Billah, Motasim; Lundell, Daniel; Kreutner, William; Jakway, James; Fine, Jay S.; Bober, Loretta A.; Chao, Jianhua; Biju, Purakkattil; Yu, Younong
 PATENT ASSIGNEE(S): Schering Corporation, USA
 SOURCE: PCT Int. Appl., 214 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080053	A1	20031002	WO 2003-US8287	20030317
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, ME, NI, NO, NZ, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2479126	AA	20031002	CA 2003-2479126	20030317
US 2004053953	A1	20040318	US 2003-390078	20030317
EP 1485089	A1	20041215	EP 2003-716685	20030317
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LT, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003008739	A	20050111	BR 2003-8739	20030317
JP 2005533005	T2	20051104	JP 2003-577881	20030317
NO 2004004402	A	20041217	NO 2004-4402	20041015
PRIORITY APPLN. INFO.:			US 2002-365314P	P 20020318
			WO 2003-US8287	W 20030317

OTHER SOURCE(S): MARPAT 139:291990
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2005 ACS ON STN
 ACCESSION NUMBER: 2003:570948 HCAPLUS
 DOCUMENT NUMBER: 139:133343
 TITLE: Preparation of arylsulfonylalkanoic acids as $\alpha\beta 3$ and $\alpha\beta 5$ integrin antagonists
 INVENTOR(S): Dixon, Julie; Brennan, Catherine; Dumas, Jacques; Hatoum-Mokdad, Hella; Sibley, Robert; Hart, Barry; Khire, Uday; Scott, William J.; Johnson, Jeffrey; Liu, Peiyang; Redman, Aniko; Wood, Jill
 PATENT ASSIGNEE(S): Bayer Corporation, USA
 SOURCE: PCT Int. Appl., 261 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003059872	A1	20030724	WO 2002-US41692	20021231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2001-345726P	P 20011231

OTHER SOURCE(S): MARPAT 139:133343
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2005 ACS ON STN
 ACCESSION NUMBER: 2002:814089 HCAPLUS
 DOCUMENT NUMBER: 137:325178
 TITLE: Preparation of 3,4-di-substituted cyclobutene-1,2-diones as CXK-chemokine receptor ligands
 INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.; Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Nelson, Kingsley H.; Rokosz, Laura L.
 PATENT ASSIGNEE(S): Schering Corporation, USA; Pharmacoepia, Inc.
 SOURCE: PCT Int. Appl., 394 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002083624	A1	20021024	WO 2002-US12681	20020415
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2444031	AA	20021024	CA 2002-2444031	20020415
NZ 529551	A	20031219	NZ 2002-529551	20020415
EP 1381590	A1	20040121	EP 2002-739172	20020415
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LT, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002008957	A	20040622	BR 2002-8957	20020415
CN 1516687	A	20040728	CN 2002-811979	20020415
JP 2004532846	T2	20041028	JP 2002-581381	20020415
ZA 2003007905	A	20050110	ZA 2003-7905	20031009
NO 2003004612	A	20031208	NO 2003-4612	20031015
PRIORITY APPLN. INFO.:			US 2001-284026P	P 20010416
			WO 2002-US12681	W 20020415

OTHER SOURCE(S): MARPAT 137:325178
 REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

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=> d ibib 11-13

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:107924 HCAPLUS
DOCUMENT NUMBER: 136:167692
TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-Ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Brueggemeier, Ulf; Lustig, Klemens
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
SOURCE: U.S. Pat. Appl. Publ., 256 pp., Division of U.S. Ser. No. 464,237.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002016461	A1	20020207	US 2001-828514	20010406
US 6677360	B2	20040113		
US 6420396	B1	20020716	US 1999-464237	19991215
US 2004030132	A1	20040212	US 2002-285073	20021031
PRIORITY APPLN. INFO.:			US 1998-172225P	P 19981216
			US 1999-464237	A3 19991215
			US 1999-172217P	P 19991019
			US 2001-828514	A3 20010406

OTHER SOURCE(S): MARPAT 136:167692
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:421093 HCAPLUS
DOCUMENT NUMBER: 133:43809
TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Brueggemeier, Ulf; Lustig, Klemens
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany; et al.
SOURCE: PCT Int. Appl., 360 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000035864	A1	20000622	WO 1999-EP9843	19991213
W:				
AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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BR 9916367	A	20011030	BR 1999-16367	19991213
TR 200102498	T2	20020221	TR 2001-200102498	19991213
EE 200100317	A	20020815	EE 2001-317	19991213
JP 2002532465	T2	20021002	JP 2000-588126	19991213
NZ 512339	A	20030328	NZ 1999-512339	19991213
AU 761407	B2	20030605	AU 2000-24312	19991213
AT 303359	E	20050915	AT 1999-967934	19991213
ZA 2001014432	A	20020530	ZA 2001-14432	20010530
BG 105574	A	20020131	BG 2001-105574	20010607
NO 2001002975	A	20010813	NO 2001-2975	20010615
HR 2001000531	A1	20020831	HR 2001-531	20010716
PRIORITY APPLN. INFO.:			US 1998-213381	A 19981216
			WO 1999-EP9843	W 19991213

OTHER SOURCE(S): MARPAT 133:43809
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 13 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1981:424700 HCAPLUS
DOCUMENT NUMBER: 95:24700
TITLE: Reactions of cyclobutenediones. LVI. Reactions of C-pyrrolidino-N-(2-chloro-3,4-dioxo-1-cyclobuten-1-yl)formimidoyl chloride and synthesis of cyclobutenylium cations
AUTHOR(S): Ried, Walter; Vitt, Ulrike; Dietschmann, Hans
CORPORATE SOURCE: Inst. Org. Chem., Univ. Frankfurt, Frankfurt/Main, D-6000/70, Fed. Rep. Ger.
SOURCE: Liebigs Annalen der Chemie (1981), (3), 402-9
CODEN: LACHDL; ISSN: 0170-2041
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S): CASREACT 95:24700

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=> d ibip hitstr 9,11,12

L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:570948 HCAPLUS
 DOCUMENT NUMBER: 139:133343
 TITLE: Preparation of arylsulfonylalkanoic acids as $\alpha\text{v}\beta 3$ and $\alpha\text{v}\beta 5$ integrin antagonists
 INVENTOR(S): Dixon, Julie; Brennan, Catherine; Dumas, Jacques; Hatoum-Mokdad, Holla; Sibley, Robert; Hart, Barry; Khire, Uday; Scott, William J.; Johnson, Jeffrey; Liu, Peking; Redman, Aniko; Wood, Jill
 PATENT ASSIGNEE(S): Bayer Corporation, USA
 SOURCE: PCT Int. Appl., 261 pp.
 CODEN: PIXXK2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003059872	A1	20030724	WO 2002-US41692	20021231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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PRIORITY APPLN. INFO.:			US 2001-345726P P 20011231	

OTHER SOURCE(S): MARPAT 139:133343
 IT 569306-04-3P 569307-29-5P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (Preparation of arylsulfonylalkanoic acids as $\alpha\text{v}\beta 3$ and $\alpha\text{v}\beta 5$ integrin antagonists)
 RN 569306-04-3 HCAPLUS
 CN Benzenepropanoic acid, β -[[(2,4-dichloro-3-[2-chloro-4-[[3,4-dioxo-2-[(3-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino]phenoxy]phenyl)sulfonyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN

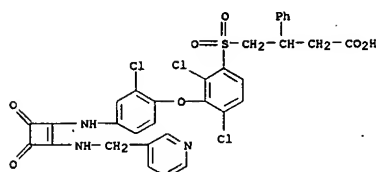
ACCESSION NUMBER: 2002:107924 HCAPLUS
 DOCUMENT NUMBER: 136:167692
 TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
 INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-Ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Brueggemeier, Ulf; Luczig, Klemens
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
 SOURCE: U.S. Pat. Appl. Publ., 256 pp., Division of U.S. Ser. No. 464,237.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002016461	A1	20020207	US 2001-828514	20010406
US 6677360	B2	20040113		
US 6420396	B1	20020716	US 1999-464237	19991215
US 2004030132	A1	20040212	US 2002-285073	20021031
PRIORITY APPLN. INFO.:			US 1998-172225P	P 19981216
			US 1999-464237	A3 19991215
			US 1999-172217P	P 19991019
			US 2001-828514	A3 20010406

OTHER SOURCE(S): MARPAT 136:167692
 IT 276260-46-9P 276260-60-7P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (Preparation of biphenyl amino acid analogs as integrin antagonists for inhibition of angiogenesis and treatment of cancer, osteolytic diseases, arteriosclerosis, restenosis, rheumatoid arthritis, and ophthalmic disorders)
 RN 276260-46-9 HCAPLUS
 CN [1,1'-Biphenyl]-4-propanoic acid, 3'-[[(3,4-dioxo-2-[(2-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino)- α -[(2,4,6-trimethylphenyl)sulfonyl]amino]-, (α S)- (9CI) (CA INDEX NAME)

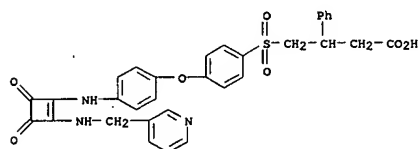
Absolute stereochemistry.

L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



● HCl

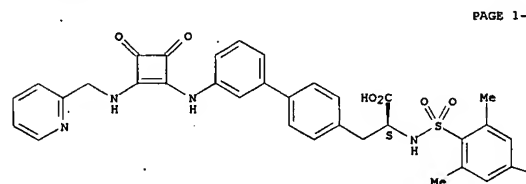
RN 569307-29-5 HCAPLUS
 CN Benzenepropanoic acid, β -[[(4-[[[3,4-dioxo-2-[(3-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino]phenoxy]phenyl)sulfonyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

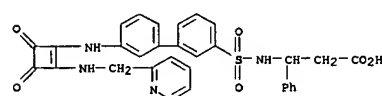
L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



PAGE 1-A

PAGE 1-B

Me
 RN 276260-60-7 HCAPLUS
 CN Benzenepropanoic acid, β -[[(3'-[[[3,4-dioxo-2-[(2-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino][1,1'-biphenyl]-3-yl)sulfonyl]amino]- (9CI) (CA INDEX NAME)



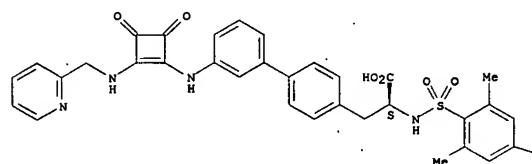
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:421093 HCAPLUS
DOCUMENT NUMBER: 133:43809
TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Bruggemeier, Ulf; Lustig, Klemens
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany; et al.
SOURCE: PCT Int. Appl., 360 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000035864	A1	20000622	WO 1999-EP9843	19991213
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, CA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2355161	AA	20000622	CA 1999-2355161	19991213
EP 1140809	A1	20011010	EP 1999-967934	19991213
EP 1140809	B1	20050831		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
BR 9916367	A	20011030	BR 1999-16367	19991213
TR 200102498	T2	20020221	TR 2001-200102498	19991213
EE 200100317	A	20020815	EE 2001-317	19991213
JP 2002532465	T2	20021002	JP 2000-588126	19991213
NZ 512339	A	20030328	NZ 1999-512339	19991213
AU 761407	B2	20030605	AU 2000-24312	19991213
AT 303359	E	20050915	AT 1999-967934	19991213
ZA 2001014432	A	20020530	ZA 2001-14432	20010530
BG 105574	A	20020131	BG 2001-105574	20010607
NO 2001002975	A	20010813	NO 2001-2975	20010615
HR 2001000531	A1	20020831	HR 2001-531	20010716
US 1998-213381	A	19981216		
WO 1999-EP9843	W	19991213		

PRIORITY APPLN. INFO.:
OTHER SOURCE(S): MARPAT 133:43809
IT 276260-46-9P 276260-60-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of new biphenyl and biphenyl-analogous compds. as integrin

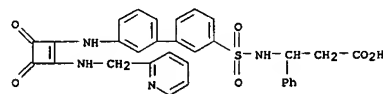
L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
antagonists)
RN 276260-46-9 HCAPLUS
CN [1,1'-Biphenyl]-4-propanoic acid, 3'-[[3,4-dioxo-2-[(2-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino]-a-[[[2,4,6-trimethylphenyl)sulfonyl]amino]-, (aS)- (9CI) (CA INDEX NAME)
Absolute stereochemistry.



PAGE 1-A

PAGE 1-B

Me
RN 276260-60-7 HCAPLUS
CN Benzenepranoic acid, β-[[[3'-[[3,4-dioxo-2-[(2-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino][1,1'-biphenyl]-3-yl)sulfonyl]amino]- (9CI) (CA INDEX NAME)



L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

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---Logging off of STN---

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

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